

## ABSTRACT

A method of performing calibration and quality control of a sensor for determining a parameter in a test fluid in which method a calibration and quality control cycle is repeated. A cycle includes the steps of performing a calibration and a quality control of the sensor using independent reference materials. In the method a reference material is in one cycle used in the quality control step which in a previous cycle was used in the calibration step. The present invention further provides an apparatus for performing the method.